

FPS interface with Vans Servo Phaviation 10-2024.doc

FPS-Plus interface with the NEW "Vansaircraft Servo" or with "PHaviation Servos".

Wire it just like the diagram shows on the FPS schematics.

The new drawings depict the color of the wires for these servos. They are as follows:

+5 volts = Yellow

Pot Wiper = Red

Ground or Chassis = White

The FPS-Plus will function just fine even though the wiper voltage varies from (0V to about 3V) instead of our desired (0 to 5V) with a remote mounted potentiometer. Just make sure that the polarity is correct, . . . Approximately 0V flaps full down, and approximately 3V when flaps are full up.

The position output will be different.

Wire the Position Indicator outputs just like our diagrams. They use the "Analog or EFIS" diagram.

Please note that the voltage output for the flap position on terminal (#11, Flap Position Out) will not be as predicted in the literature. It will be a lower voltage. The (0 to 6V) output will be (0 to 3.6V) but should still be usable as an EFIS input for your flap position.

Contact us if you have problems making your position indicators work properly.

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